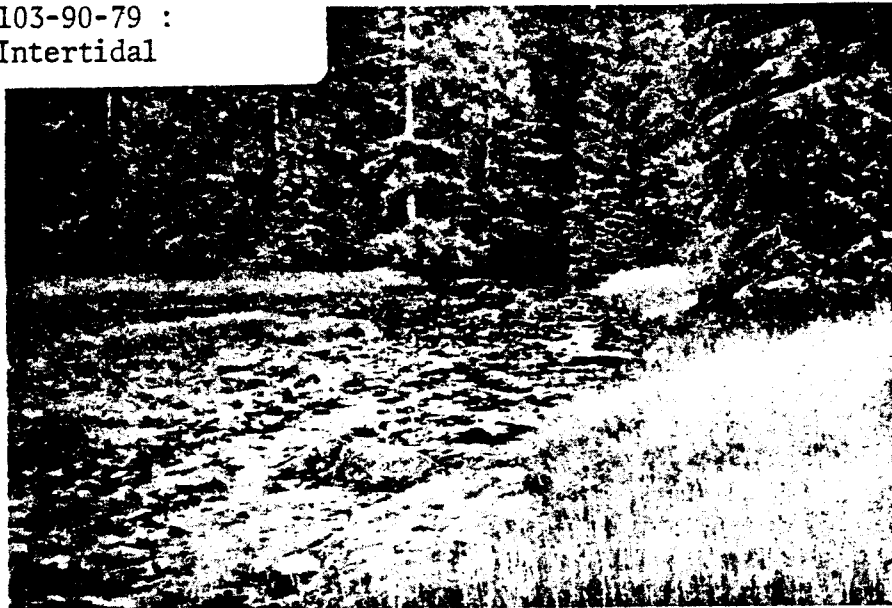


103-90-10790  
103-90-79 : First  
cascade area above  
high tide



103-90-79 :  
Intertidal



Tide: low  
 Weather: overcast, lt. rain  
 Air: 61°  
 Water: 55°  
 pH: 8.0  
 Lt. brown

103-90-79  
 Larson  
 7/24/78

— 1899'

174 M  
 279°  
 10% average gradient

Cascade over bed-rock  
 15' drop  
 20' bedrock bank  
 negligible spawning area  
 38' wide stream channel  
 Not a barrier  
 bedrock  
 Remains of large Dolly Varden  
 rapids  
 8' wide rapids, 6" deep  
 30' wide pools, 1" deep

Rearing coho present in most pools; few in number.  
 high tide  
 5% ASA  
 Rock in stream rounded and very slippery.  
 10% bedrock  
 65% boulders  
 20% cobbles  
 5% gravel

— 1329'  
 hemlock & spruce  
 10% slopes

92 M  
 280°  
 5% gradient

Small flood channel through bedrock  
 small boulders  
 Rearing coho present in isolated pools  
 54' wide channel  
 18' stream width  
 8" deep  
 20% slopes  
 Cascade over bedrock  
 2' deep pool  
 34' wide channel, 28' wide stream  
 1' deep pools

— 1026'

313 M  
 250°  
 Intertidal

60% boulders  
 30% cobbles  
 10% gravel

5% ASA

Spawning area: 186 M<sup>2</sup>  
 (20' X 2000' X 5% ASA)  
 lower area

45' total width of all channels  
 dense green algae  
 cobbles and small boulders

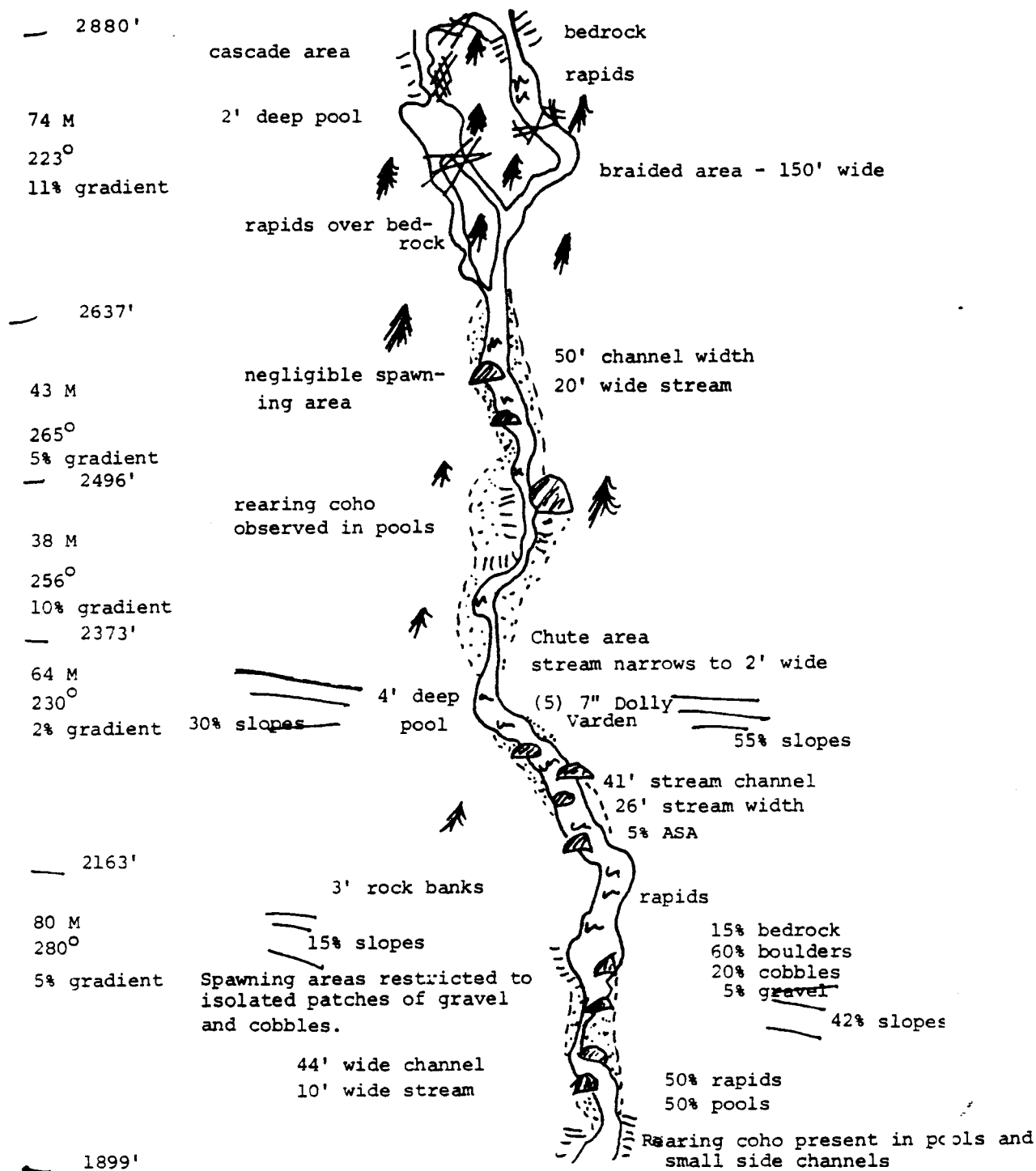
poor-rearing in lower stream. Good rearing in upper stream.

Petersburg A-4

E1  
 Capitan Passage

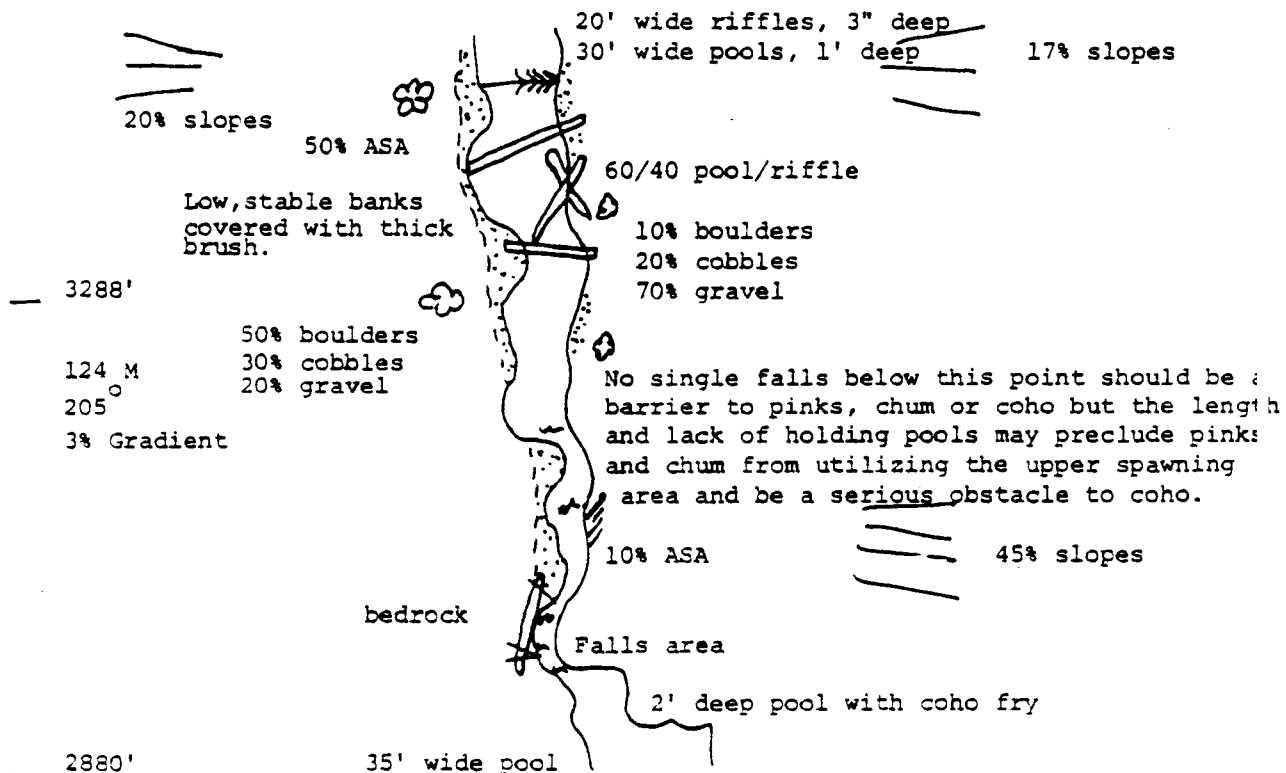
103-90-79

Kosciusko Island



Landform indicates that the stream continues in the same manner until it reaches the slopes at the head of the valley, approximately 1/2 mile. Rearing coho and Dolly Varden present throughout the area but the low numbers of coho may indicate it is understocked. Good rearing and spawning habitat.

Large hemlock and spruce bordering the stream.



103-90-10790  
Name: Bear Creek  
Latitude: 56°04'16" 15"  
Longitude: 133°19'22" 14"  
Geodetic Map No: Petersburg A-4  
Location: Head of cove, 1.2 miles south  
of Devilfish Bay, west side of El Capitan  
Passage.

Catalog No: 103-90-79  
Former Stream No: FRI and FWS 27B  
Work Area: Ketchikan  
Watershed Length: 2.5 miles  
Drainage Area: 3.1 miles  
Water Supply Type: Runoff from forested  
area.

Trails & Survey Routes: The lower 3,000' of this stream is moderately difficult  
to walk because of the rounded slippery rock substrate. The upstream gravel rea is  
easily walked.

Aerial Survey Notes: Mouth and intertidal counts only.

Anchorage: Near the stream mouth.

Tide Stage when Surveyed: Low.

#### RESOURCES

COMMERCIAL FISHERIES (species, escapement, timing, spawning area):  
Pinks, chum, and coho. Poor rearing for coho in the lower section; good rear ng  
in the upper areas. Peak escapement: 7,000 pinks, 1959; 300 chum, 9/3/75.

SPAWNING AREA: 186 M<sup>2</sup> (20' X 2000' x 5% ASA) for the lower area. The upper a ea  
has considerable spawning potential but is probably not accessible.

Schooling Areas: at the mouth.

Spawning Areas: In scattered patches throughout the upper intertidal and lower  
stream areas.

SHELLFISH POTENTIAL: An extensive gravel flats at the stream mouth has a very  
large number of cockles and little neck clams. Dungeness crab observed, also.

SPORT FISHERIES: Little potential. Several Dolly Varden observed.

LAND USE (history, present, proposed): Unknown, presently in a natura state.

REHABILITATION POTENTIAL: The lower cascade area should be examined more crit-  
ically to determine if the falls can be altered to insure that the upper are is  
accessible.

SOILS: Stable, mostly bedrock.

GAME RESOURCES (species, use, habitat):

# PEAK ESCAPEMENT RECORD

103-90-79 Bear Creek (W. of Camp Taylor, El Capitan Pass.)

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
9/2/56				1,500 pinks at mouth.
8/4/58	None observed.			
1959	7,000			
1960 through 1968				No survey.
8/28/69	100	None seen		
1970 through 1974				No survey.
8/14/75	1,000			
9/3/75		300		
1976				No survey.
8/16/77	3,500			
8/25/78	10,000			
8/10/80	8,500			